STAIN TECHNOLOGY

VOLUME V

1930

Published by the
COMMISSION ON STANDARDIZATION OF BIOLOGICAL STAINS
GENEVA, N. Y., U. S. A.

CONTENTS

No. 1, January, 1930

Progress in the Standardization of Stains
Dyes for Bacteriostatic Work. H. J. Conn 1
Stains Recently Certified 2
The History of Staining
Anilin Dyes in Histology. H. J. Conn 3
Hematein—Its Advantages for General Laboratory Usage. S. I. Kornhauser 13
The Mechanism of Staining Explained on a Chemical Basis. II. General Presentation. Allen E. Stearn and Esther Wagner Stearn 17
The Negative Staining of Bacteria. W. Ch. Dorner 25
Notes on Technic
Detecting Oil in Twigs. Rachel Haynes 29
A Wire Holder for Staining Slides. John E. Sass 29
Meyer's Hemalum—A Correction. John E. Sass 30
Laboratory Hints from the Literature 31

No. 2, April, 1930

Progress in the Standardization of Stains
Research on the Chemistry of Dyes. H. J. Conn 37
Stains Recently Certified 38
The History of Staining
The Development of Bacteriological Staining Methods. H. J. Conn 39
The Application of Dyes in the Cancer Problem. Charles F. Geschickter 49
Absorption Ratios of Biological Stains. W. C. Holmes and A. R. Peterson 65
Further Experimentation with a new Differential Staining Method for Connective Tissue, combined with the Ordinary Hematoxylin-eosin Stain. Edith F. Larson 73
Laboratory Hints from the Literature 75

No. 3, July, 1930

Progress in the Standardization of Stains
Cancer Research. H. J. Conn 77
A New Member of the Commission. H. J. Conn 78
Stains Recently Certified 79
Fresh Tissue Diagnosis in the Operating Room. Charles F. Geschickter 81
Practical Methods for the Control of Hydrogen-ion Concentration in Staining Procedures—The use of "Buffers." R. W. French 87
The Analysis of Neutral Red and of the Pyronins. W. C. Holmes and A. R. Peterson 91
A Gelatin Fixative for Paraffin Sections. Arthur W. Haupt 97
Basic Fuchsin for Staining Vascular Bundles. J. H. Gourley 99
Note on a Combined Peroxidase Wright's Stain for Blood Films. Arthur T. Brice, Jr 101
A New Method for Safranin Differentiation. Hsu-Chuan Tuan 103
Laboratory Hints from the Literature 109

No. 4, October, 1930

The History of Staining
The Development of Cytological Staining. S. I. Kornhauser 117
The Staining of Blood and Parasitic Protozoa. H. J. Conn 127
Picric Acid as a Destaining Agent for Iron Alum Hematoxylin. Hsu-Chuan Tuan . 135
Block Staining of Nervous Tissue with Silver. H. A. Davenport 139
Cutting Microscopic Sections of Wood without Previous Treatment in Hydrofluoric Acid. Ivan H. Crowell 149
Laboratory Hints from the Literature 151
Stains Recently Certified 156